| | Approved Qty. | Description | Unit | Approved Tender Rates of ASWATHNARAYANA ( ) | | |
|---|---|---|---|---|---|---|
| | | | | In Figures | | In Words |
| 9 | 36 | Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work | Cum | 5551.0 | 199836.00 | Rupees Five Thousand Five Hundred Fifty One Only |
| 10 | 720 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm | 10.0 | 7200.00 | Rupees Ten Only |
| 11 | 720 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm | 14.0 | 10080.00 | Rupees Fourteen Only |
| 12 | 28.8 | Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work | Cum | 7911.0 | 227836.80 | Rupees Seven Thousand Nine Hundred Eleven Only |
| | | | | | 2000266.88 | |

Signature of the Contractor

19/10

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

# BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2019-20/OW/WORK_INDENT37145

## APPROVED SCHEDULE - B

**E/BTP/BBMP/E-PMT/11/2019-20, Date: 11.07.2019**

**Improvements to Road, Drain and Asphalting to Road from Chandana Takis to Muneshwara Temple, Singapura Layout in ward no 11 (Kuvempunagara) Vidyaranyapura Sub Division**

| Sl. No. | Approved Qty. | Description | Unit | Approved Tender Rates of ASWATHNARAYANA ( ) | | |
|---|---|---|---|---|---|---|
| | | | | In Figures | | In Words |
| 1 | 403.11 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum | 243.0 | 97955.73 | Rupees Two Hundred Forty Three Only |
| 2 | 26.73 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 4500.0 | 120285.00 | Rupees Four Thousand Five Hundred Only |
| 3 | 60.75 | Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) etc complete as per specifications and directions of engineer in charge of the work | Cum | 5300.0 | 321975.00 | Rupees Five Thousand Three Hundred Only |
| 4 | 453.6 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work | Sqm | 379.0 | 171914.40 | Rupees Three Hundred Seventy Nine Only |
| 5 | 3.65 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work | Tonne | 75223.0 | 274563.95 | Rupees Seventy Five Thousand Two Hundred Twenty Three Only |
| 6 | 145.8 | Providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge | Sqm | 1500.0 | 218700.00 | Rupees One Thousand Five Hundred Only |
| 7 | 180 | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work | Cum | 1800.0 | 324000.00 | Rupees One Thousand Eight Hundred Only |
| 8 | 720 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work | Sqm | 36.0 | 25920.00 | Rupees Thirty Six Only |

gnature of the contractor

19/10

Executive Engineer